

ABSTRACT OF THE DISCLOSURE

An assay device for in field urine analysis including a container having an opening for collecting a urine sample, a cover for sealing the opening of the container and an assay assembly provided in the container for chemically analyzing the urine sample. The assay assembly comprises a liquid impermeable backing, a wicking material provided on a rear surface of the backing, at least one assay strip provided on a front surface of the backing and adjacent a top edge of the backing in contact with the wicking material, a front cover provided on the front surface of the backing for sealing the assay strip to the backing at a bottom and two sides of the assay strip and a rear cover provided on the rear surface of the backing for together with the front cover sealing said wicking material and the assay strip adjacent the top edge and two sides of said wicking material.